

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (ORIGINAL), or (not entered).

Please CANCEL claims 12-21 and 39-42 without prejudice or disclaimer of the subject matter recited therein as follows:

1. (PREVIOUSLY PRESENTED) A write-once disc with at least one record layer, comprising:
 - at least one update area in which updated predetermined information is recorded; and
 - an access information area in which location information regarding the updated predetermined information, which is last updated and recorded in the at least one update area is recorded.
2. (ORIGINAL) The disc of claim 1, wherein the location information is recorded in the access information area whenever a predetermined number of recording operations end.
3. (ORIGINAL) The disc of claim 1, wherein the location information is recorded in the access information area whenever a predetermined number of blocks of the at least one update area are filled with information.
4. (ORIGINAL) The disc of claim 1, wherein the location information is recorded in the access information area several times.
5. (ORIGINAL) The disc of claim 1, wherein the location information is recorded in the access information area when a number of times the updated predetermined information recorded in the at least one update area is a predetermined number.
6. (PREVIOUSLY PRESENTED) A write-once disc with at least one record layer, comprising:

a plurality of update areas in which predetermined information is updated and sequentially recorded; and

an access information area in which location information regarding the updated information, which is last updated and recorded in the update areas, is recorded,

wherein the location information regarding the updated information is recorded in at least one of the update areas.

7. (ORIGINAL) The disc of claim 6, wherein the location information is recorded in the access information area when a predetermined number of recording operations end.

8. (ORIGINAL) The disc of claim 6, wherein the location information is recorded in the access information area when a predetermined number of blocks of the update areas are filled with information.

9. (ORIGINAL) The disc of claim 6, wherein the location information is recorded in the access information area several times.

10. (ORIGINAL) The disc of claim 6, wherein the location information is recorded in the access information area when a number of times the updated predetermined information recorded in the update areas reaches a predetermined number.

11. (ORIGINAL) The disc of claim 6, wherein the location information is recorded in the access information area when data recording is performed in one of the update areas according to a predetermined number of recording operations.

12-21. (CANCELLED)

22. (PREVIOUSLY PRESENTED) An apparatus for recording information on a write-once disc with at least one record layer, the apparatus comprising:

a recording and/or reading unit that records information on and/or reads the information from the write-once disc; and

a controller that controls the recording and/or reading unit to sequentially record updated predetermined information in at least one update area of the write-once disc, and record location information regarding the updated predetermined information, in an access information area of the write-once disc.

23. (ORIGINAL) The apparatus of claim 22, wherein the controller controls the recording/reading unit to record the location information in the access information area whenever a predetermined number of recording operations end.

24. (ORIGINAL) The apparatus of claim 22, wherein the controller controls the recording/reading unit to record the location information in the access information area whenever a predetermined number of blocks of the update area are filled with information.

25. (PREVIOUSLY PRESENTED) An apparatus for recording information on a disc with at least one record layer, the apparatus comprising:

a recording and/or reading unit that records information on and/or reads the information from the disc; and

a controller that controls the recording/reading unit to sequentially record updated predetermined information in a plurality of update areas of the disc; record location information regarding the updated predetermined information, which is last updated in the at least one of the update areas, in one of the update areas; and record location information regarding information last updated in the updated area in an access information area of the write-once disc.

26. (ORIGINAL) The apparatus of claim 25, wherein the controller controls the recording/reading unit to record the location information in the access information area whenever a predetermined number of recording operations end.

27. (ORIGINAL) The apparatus of claim 25, wherein the controller controls the recording/reading unit to record the location information in the access information area whenever a predetermined number of blocks of the update area are filled with information.

28. (ORIGINAL) The apparatus of claim 25, wherein the controller controls the recording/reading unit to record the predetermined information updated in the update area in recording operation units.

29. (ORIGINAL) The apparatus of claim 25, wherein the controller controls the recording/reading unit to record the location information in the access information area whenever a predetermined number of recording operations are performed in one of the update areas.

30. (ORIGINAL) The apparatus of claim 25, wherein the controller controls the recording/reading unit to record the location information in the access information area when a number of times of recording the predetermined information in the update areas is a predetermined number.

31. (ORIGINAL) An apparatus recording and/or reading information on/from a write-once disc having at least one record layer, the apparatus comprising:
a recorder and/or reader recording and/or reading the information on/from the disc;
a controller controlling the recorder and/or the reader to sequentially record updated information in at least one update area of the disc, and record location information, specifying a recording position of the updated information in the update area, in an access information area of the disc, and controlling the recorder and/or the reader to read the updated information from the disc.

32. (ORIGINAL) The apparatus of claim 31, wherein the updated information is recorded in the at least one update area in recording units.

33. (ORIGINAL) The apparatus of claim 31, wherein the location information is recorded in the access information area when a predetermined number of recording operations end.

34. (ORIGINAL) The apparatus of claim 31, wherein the location information is recorded in the access information area when physical recording blocks of the at least one update are filled with data.

35. (ORIGINAL) The apparatus of claim 31, wherein the location information is recorded in the access information area when the at least one update area is updated a predetermined number of times.

36. (ORIGINAL) The apparatus of claim 31, wherein the update area further comprises a first update area A and a second update area B.

37. (ORIGINAL) The apparatus of claim 36, wherein the updated information is updated n times and sequentially recorded as $A\#1, A\#2, \dots A\#n+1, \dots A\#2n$ in the first update area A, and the updated information is updated n times and sequentially recorded as $B\#n+1, B\#n+2, \dots B\#2n$ in the second update area B.

38. (ORIGINAL) The apparatus of claim 37, wherein the information $A\#1, A\#2, \dots A\#n+1, \dots A\#2n$ further includes information specifying location of the last updated information recorded in the second update area B.

39-42. (CANCELLED)